

Lockheed Aircraft Corp.		ENGINEERING STUDY <input checked="" type="checkbox"/>		LAC-262*						
DATE 11/23/59		AFFECTS: WSPO <input type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>						
NAME OF MAJOR COMPONENT Airplane		PART OR LOWEST SUBASSEMBLY [REDACTED]		PART NO. & MODEL OR TYPE —						
TITLE OF PROPOSAL: Chicken Tail Assembly - [REDACTED] Box		STATINTL								
NATURE OF PROPOSAL: See Page 2										
Reasoned to reflect additional quantities.										
REASON FOR PROPOSAL:										
1. To comply with project request to supply Chicken Tail Assembler and [REDACTED] Box installation for test, operation and evaluation. Ref: R33 MSG 8081 dated 24 April 1959.										
2. To supply additional Chicken Tail boxes and radomes, and furnish installation provisions to accommodate use of [REDACTED] in all airplanes.										
STATINTL										
ESTIMATED COST AND TIME INVOLVED: See page 3 for cost details										
ADDITIONAL FUNDING REQUIRED: (SP-1918) STATINTL										
ESTIMATED COST FOR KITS OR PARTS: [REDACTED] Phase III See item 5, page 3 for cost details										
ADDITIONAL FUNDING REQUIRED: None (SP-1917) See page 3 for additional details.										
ITEMS AFFECTED BY PROPOSAL:										
SAFETY <input type="checkbox"/>	MISSION EFFECTIVENESS <input checked="" type="checkbox"/>	PERFORMANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR BALANCE <input checked="" type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTENANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFT <input type="checkbox"/>	FLIGHT MANUAL <input checked="" type="checkbox"/>	MAINTENANCE MANUAL <input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD See page 2										
SOURCE OF PARTS FOR KIT LAC			AVAILABILITY 0 WEEKS AFTER APPROVAL							
DISPOSITION OF SPARES AFFECTED NONE										
INITIATED BY: PROJECT			APPROVED: WSPO [REDACTED]							

NATURE OF PROPOSAL:

PHASE I:

1. Construct 2 each F-633 Chix Tail Boxes. The boxes to be "plumbed" to the Q-bay in order to provide 4.1 PSIA at altitude.
2. Investigate and provide maximum antenna radiation isolation.
3. Construct 2 each F-634 radomes or improved versions resulting from study.
4. Provide wiring per RS-18.
5. Provide scoops for cooling air intakes.
- (Rev)6. Provide Service Bulletins covering installation in aircraft (SB 415, 443, 444) Manufacture and install 2 kits - A/C serials 342, 343.
7. Conduct flight tests to verify performance at maximum altitude.

PHASE II:

1. Construct an additional 5 each F-633 Chix Tail Boxes and 12 each F-718 radomes (improved version) - SB 415.
2. Manufacture provisioning kits (SB 443) for 7 additional U-2A aircraft - A/C serials 344, 349, 353, 355, 359, 367, 378.
3. Manufacture provisioning kits (SB 444) for 4 additional U-2C aircraft - A/C serials 351, 352, 358, 360.

NOTE:

1. We are proceeding with this work in advance of written approval.
2. Modification of A/C serials 342, 343, 352, & 360 to be done by LAC.
3. One each F-718 radome supplied to for use in equipment checkout.

STATINTL

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